

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method for controlling a home network, comprising the steps of:
determining ~~ascertaining~~ whether ~~or not~~ a new control menu exists by ~~using~~ accessing the Internet according to a set period, wherein the control menu is associated with a piece of equipment in the home network;
if the new control menu exists, performing a first download of ~~downloading~~ the new control menu; and
adding the downloaded new control menu to ~~an old~~ a corresponding control menu list;
and
performing a second download of one or more ~~downloading~~ corresponding new control programs using the added new control menu.
2. (Currently Amended) The method claimed as claim 1, wherein determining whether a new control menu exists further comprises determining if the new control menu is not contained in ~~the old~~ a current corresponding control menu list; ~~the new control menu is considered as a new menu.~~
3. (Currently Amended) The method claimed as claim 1, wherein determining whether a new control menu exists further comprises determining if the new control menu is an upgraded version of the current control menu; ~~the new control menu is considered as a new menu even when the new control menu is contained in the old control menu list.~~
4. (Currently Amended) The method claimed as claim 1, wherein performing a second download of one or more corresponding control programs further comprises selecting a new item corresponding to a new control program from the added new control menu to initiate the second download ~~control program is downloaded when a user selects the added new control menu.~~

5. (Currently Amended) The method claimed as claim 1, wherein performing a second download of one or more corresponding control programs further comprises selecting an auto mode to automatically initiate the second download of one or more new control programs associated with the added new control menu ~~the control program is downloaded when a user selects an auto mode.~~

6. (Currently Amended) The method as claimed as claim 1, ~~wherein further comprising storing the one or more downloaded control program after the second download is stored.~~

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Currently Amended) A method for controlling a home network, comprising the steps of:

~~determining a)~~ ascertaining whether or not one or more new control menus for equipments exist by using accessing the Internet according to a set period, wherein each control menu is associated with a piece of equipment in the home network;

~~b) if one or more the new control menus for the equipments exist, performing a first download of downloading the one or more new control menus; and~~

~~adding the one or more downloaded new control menus to one or more corresponding old control menu lists according to the equipments;~~

~~e) performing a second download of one or more downloading corresponding new control programs using the an added new control menu menus; and~~

~~d) providing the one or more downloaded new control menus to the corresponding equipments pieces of equipment.~~

11. (Currently Amended) The method claimed as claim 10, wherein the method is performed by each piece of equipment in the home network ~~respective equipments carry out the steps a) to d).~~

12. (Currently Amended) The method claimed as claim 10, further comprising allowing each piece of equipment in the home network to access each control menu list associated with a corresponding piece of equipment in the home network ~~wherein the old control menu lists are shared between the respective equipments.~~

13. (Currently Amended) The method claimed as claim 10, further comprising storing the one or more downloaded new control programs in memory associated with a piece of equipment that performed the first and second downloads prior to providing the one or more downloaded new control programs to the corresponding pieces of equipment that implement the new control program ~~wherein the control programs that are not provided to the respective equipments are stored into the equipments that carry out the steps a) to d).~~

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Currently Amended) An apparatus for controlling a home network, comprising:

means for determining ~~ascertaining~~ whether ~~or not~~ a new control menu exists by ~~using~~ accessing the Internet according to a set period, wherein the control menu is associated with a piece of equipment in the home network;

means for performing a first download of ~~downloading~~ the new control menu, if the new control menu exists; and

means for adding the downloaded new control menu to ~~an old~~ a corresponding control menu list, in case the new control menu exists; and

means for performing a second download of one or more ~~downloading~~ corresponding new control programs using the added new control menu.

19. (Cancelled)

20. (Currently Amended) An apparatus for controlling a home network, comprising:

first means for determining ~~ascertaining~~ whether or not one or more new control menus for equipments exist by using accessing the Internet according to a set period, wherein each control menu is associated with a piece equipment in the home network;

second means for performing a first download of ~~downloading~~ the one or more new control menus, if one or more new control menus exist; and

third means for adding the downloaded new control menus to one or more corresponding old control menu lists according to the equipments, in case the new control menus for the equipments exist;

~~third~~ fourth means for performing a second download of one or more ~~downloading~~ corresponding new control programs using the an added new control menu menus; and

~~fourth~~ fifth means for providing the one or more downloaded new control menus to the corresponding pieces of equipment equipments.

21. (Currently Amended) The apparatus claimed as claim 20, wherein the first through the fifth means are performed by any one of the pieces of equipment in the home network ~~respective equipments comprises the first means to the fourth means.~~

22. (Currently Amended) The apparatus claimed as claim 20, further comprising sixth means for allowing each piece of equipment in the home network to access each control menu list associated with a corresponding piece of equipment in the home network ~~wherein the old control menu lists are shared between the respective equipments.~~

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Currently Amended) A home network apparatus including the Internet network and a home network, the home network being provided with information via the Internet network, wherein the home network includes:

a power line for supplying communication signals, control signals and power source; and
a plurality of ~~equipments~~ equipment connected to the power line and having ~~the~~ an Internet function and an on-screen function that provides display of a control menu list including one or more control menus, wherein the plurality of equipment are operable to perform a first download of a new control menu from the Internet based on a determination, occurring at a set period, of a new control menu existing at the Internet and perform a second download operation of one or more corresponding new control programs using the added new control menu the equipments downloading control menus and corresponding control programs from the Internet network by using the Internet function, control menu lists with the control menus being displayed on-screen by using the on-screen function,

~~whereby~~ wherein the plurality of ~~equipments~~ equipment is further operable to download only their own corresponding control programs through the Internet network.

27. (Currently Amended) A home network apparatus, the home network apparatus including the Internet network and a home network receiving information through the Internet network, the home network apparatus comprising:

a power line for supplying communication signals, control signals and power source;
a plurality of ~~equipments~~ equipment connected to the power line and having the Internet function and an on-screen function that provides display of a control menu list including one or more control menus, wherein the plurality of equipment are operable to perform a first download of a new control menu from the Internet based on a determination, occurring at a set period, of a new control menu existing at the Internet and perform a second download operation of one or

~~more corresponding new control programs using the added new control menu the equipments downloading control menus and corresponding control programs from the Internet network by using the Internet function, control menu lists with the control menus being displayed on screen by using the on-screen function; and~~

a menu manager operable to store ~~storing~~ the control menu lists, register ~~registering~~ the downloaded control menu as a new control menu item into the control menu list, and ~~providing~~ provide the control menu lists to the respective pieces of equipment ~~equipments~~ by request,

wherein the plurality of ~~equipments~~ equipment is further operable to download through the Internet network the control programs for other pieces of equipment in the home network in addition to ~~equipments as well as~~ their own control programs.

28. (Currently Amended) The home network apparatus claimed in claim 27, wherein the menu manager is further operable to manage ~~manages~~ the control menu lists for the pieces of equipment ~~equipments~~ through a sharing of the control menu lists.